

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028656.D
 Acq On : 12 Dec 2018 16:47
 Operator : MD/SY
 Sample : J6343-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW311I-20181209

Quant Time: Dec 13 03:08:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

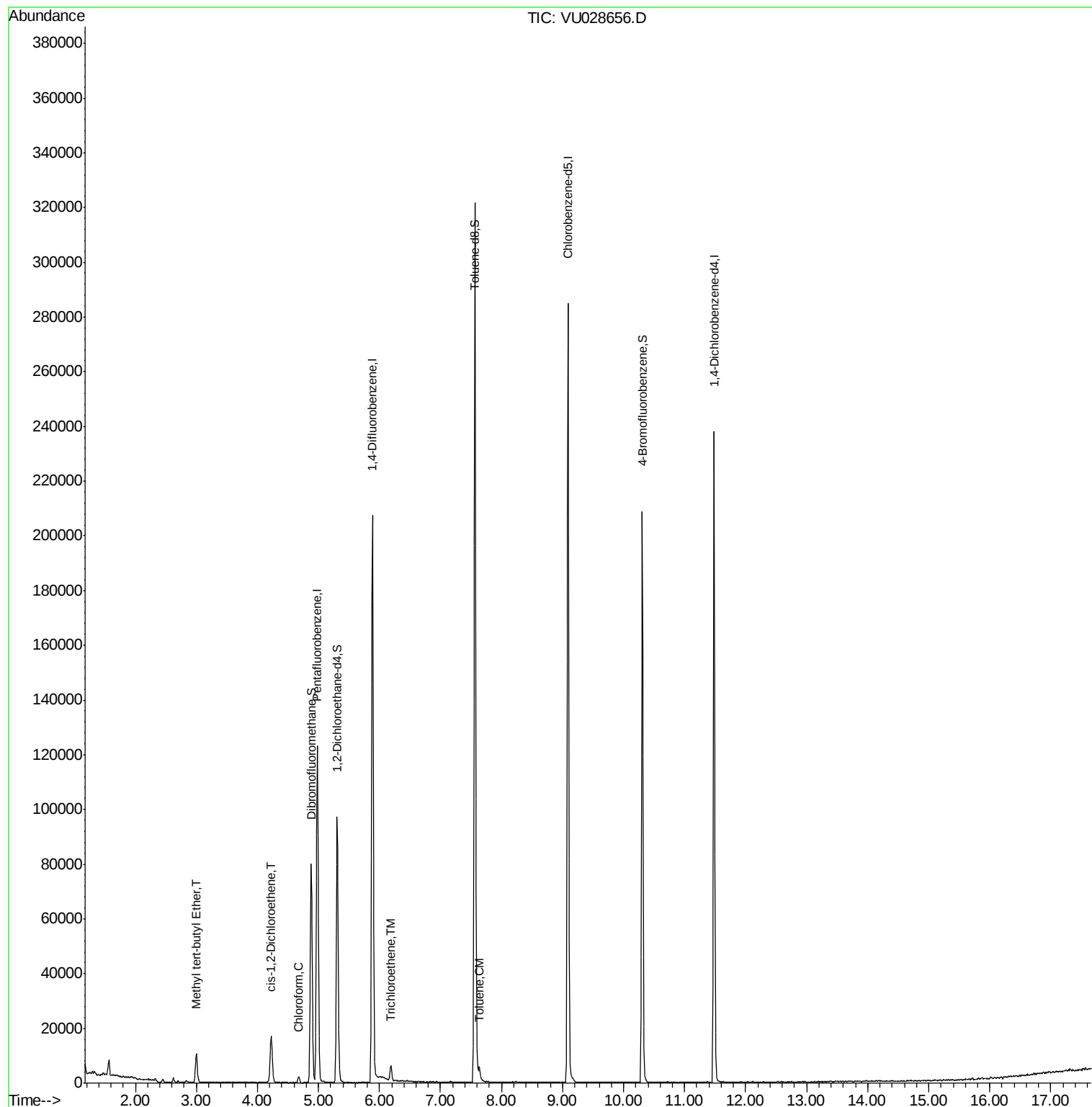
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	93121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	167360	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	148647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	59715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	73765	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	4.88	113	56154	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
50) Toluene-d8	7.56	98	212810	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	10.30	95	71440	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
19) Methyl tert-butyl Ether	3.00	73	10965	2.790	ug/l	96
27) cis-1,2-Dichloroethene	4.22	96	9368	7.090	ug/l	87
30) Chloroform	4.67	83	2179	1.001	ug/l	95
44) Trichloroethene	6.19	130	1992	1.661	ug/l	84
52) Toluene	7.64	92	1577	0.497	ug/l	97

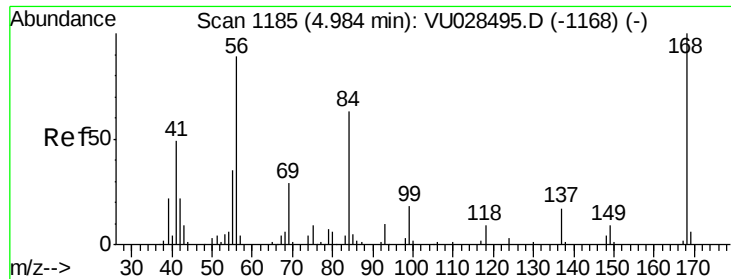
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028656.D

Acq: 12 Dec 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

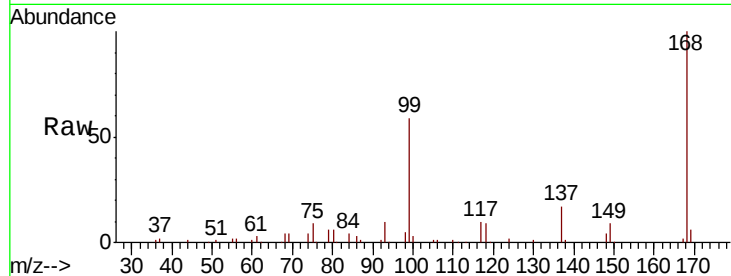
BPS1-TT-MW311I-20181209

Tot Ion:168 Resp: 93121

Ion Ratio Lower Upper

168 100

99 58.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028656.D (-1092) (-)

4.98

40000

30000

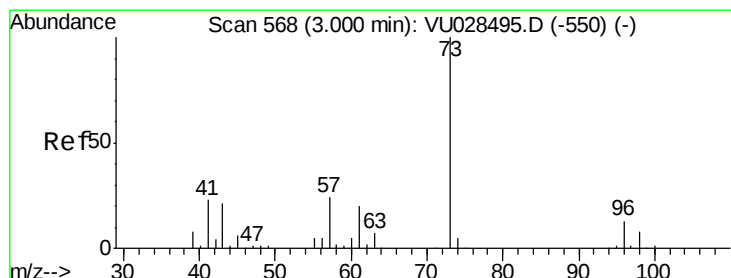
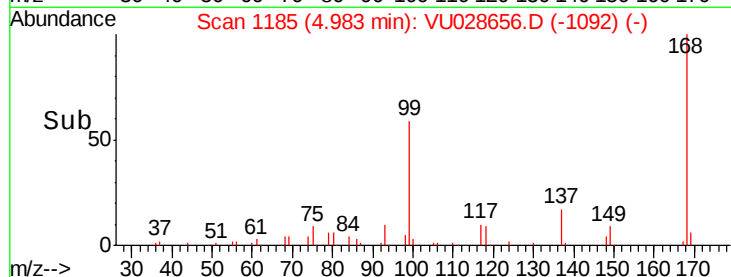
20000

10000

0

4.90 5.00 5.10

Time-->



#19

Methyl tert-butyl Ether

Concen: 2.790 ug/l

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU028656.D

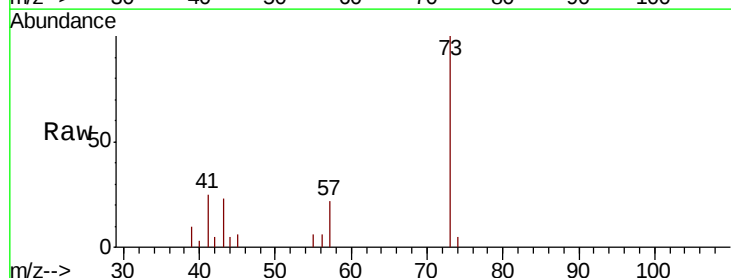
Acq: 12 Dec 2018 16:47

Tgt Ion: 73 Resp: 10965

Ion Ratio Lower Upper

73 100

57 22.2 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VU028495.D (-550) (-)

Ion 57.00 (56.70 to 57.70): VU028656.D (-475) (-)

3.00

6000

5000

4000

3000

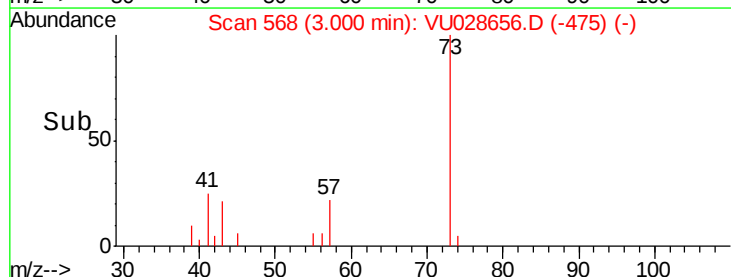
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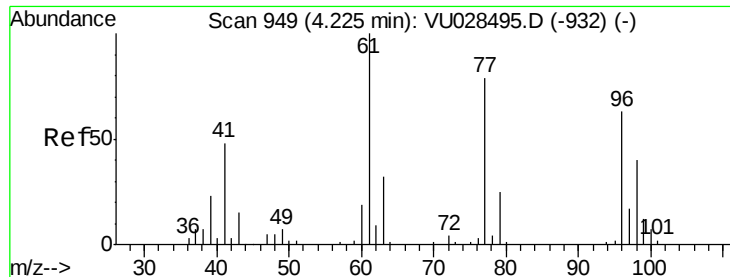
1000

0

2.95 3.00 3.05

Time-->



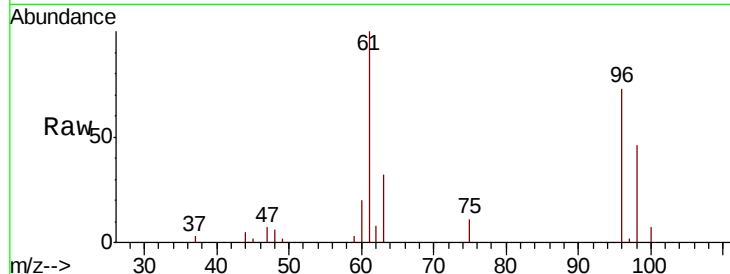


#27

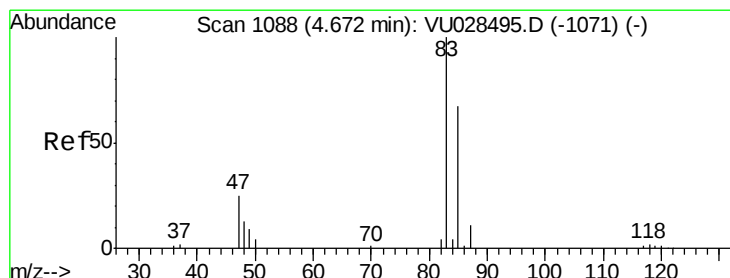
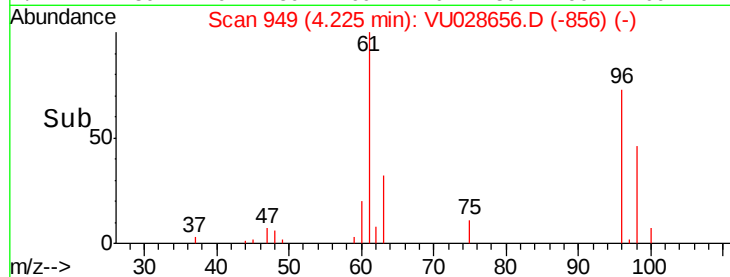
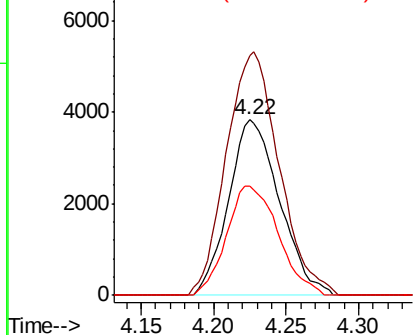
cis-1,2-Dichloroethene
 Concen: 7.090 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028656.D
 Acq: 12 Dec 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW311I-20181209

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	332.4
98	63.1	0.0	129.0



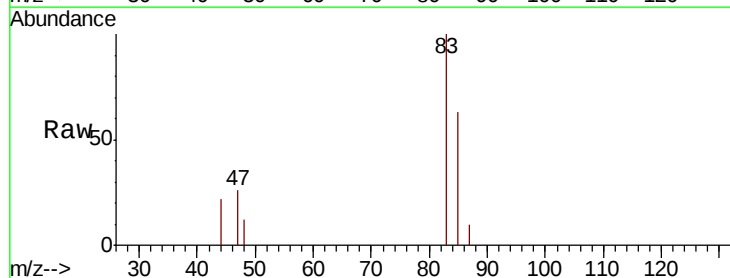
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



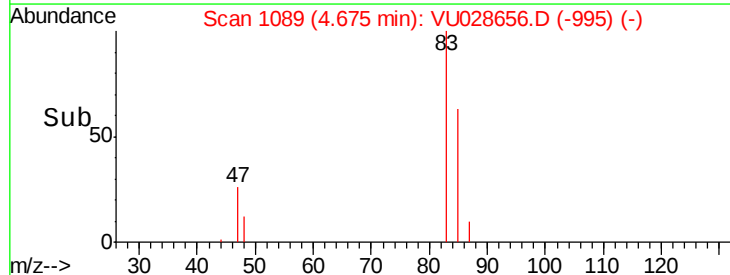
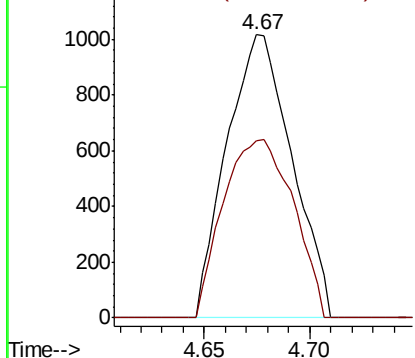
#30

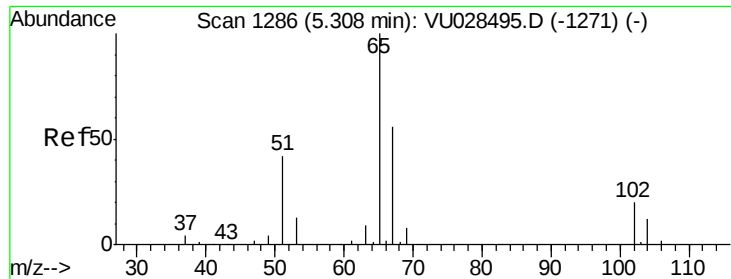
Chloroform
 Concen: 1.001 ug/l
 RT: 4.67 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VU028656.D
 Acq: 12 Dec 2018 16:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.6	80.4



Abundance Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0

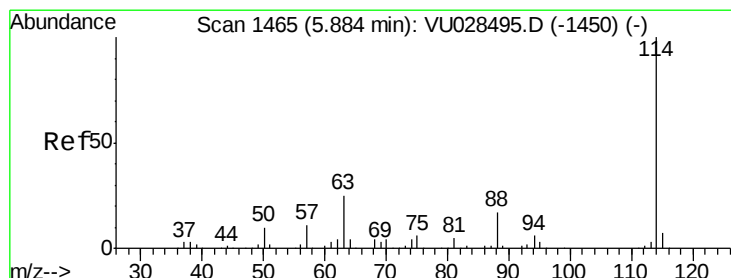
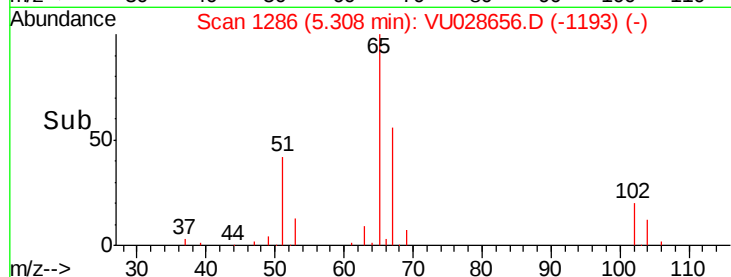
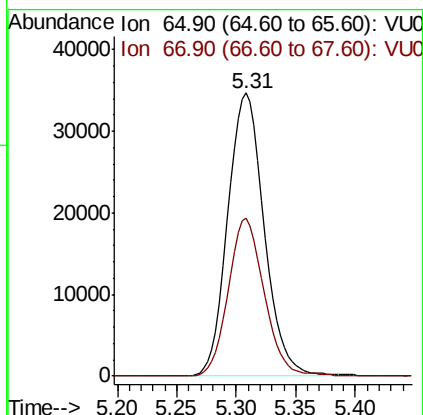
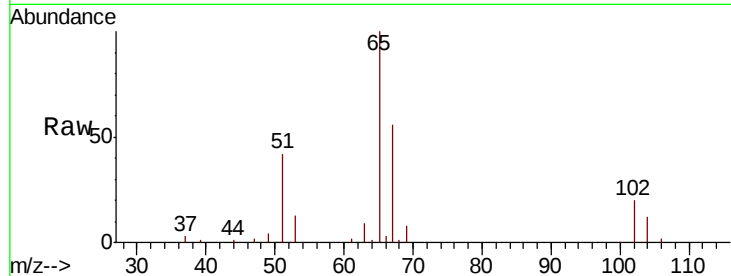




#33
 1,2-Dichloroethane-d4
 Concen: 51.908 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028656.D
 Acq: 12 Dec 2018 16:47

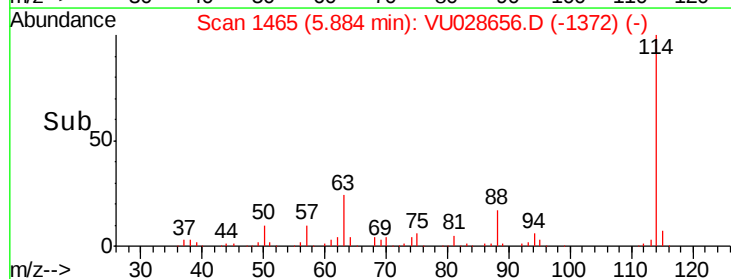
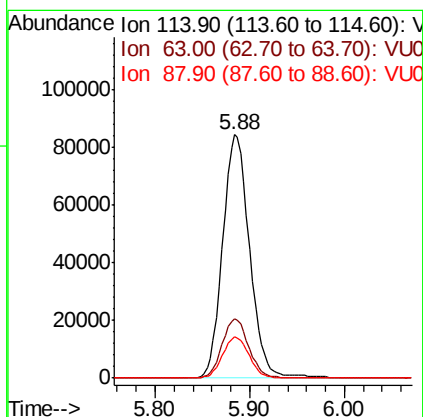
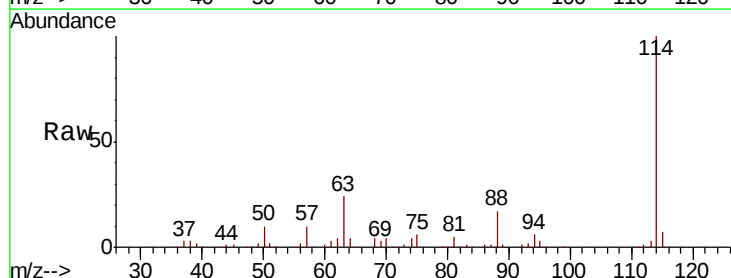
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW311I-20181209

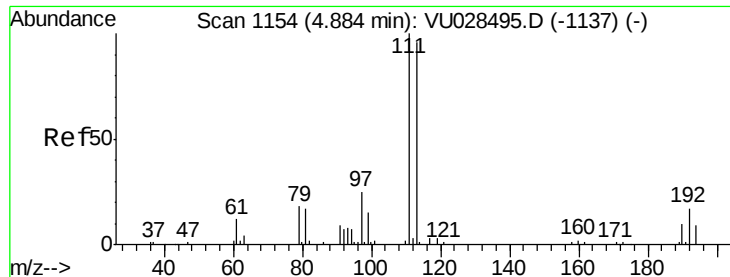
Tot Ion: 65 Resp: 73765
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028656.D
 Acq: 12 Dec 2018 16:47

Tgt Ion: 114 Resp: 167360
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.8 0.0 33.4

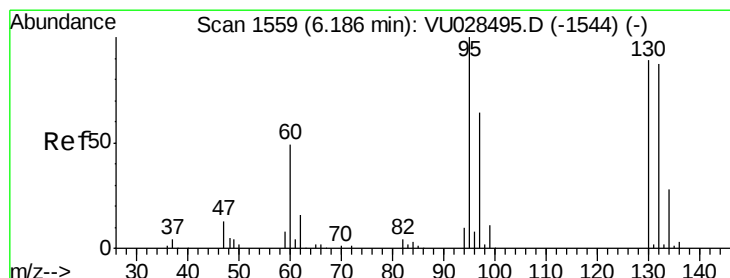
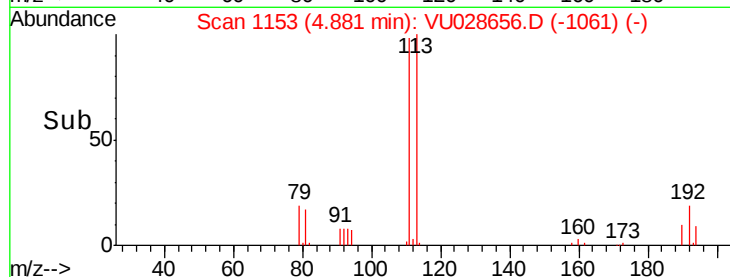
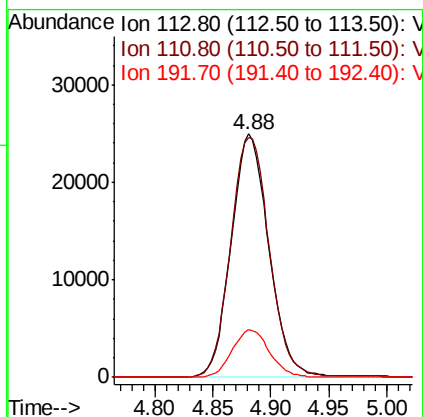
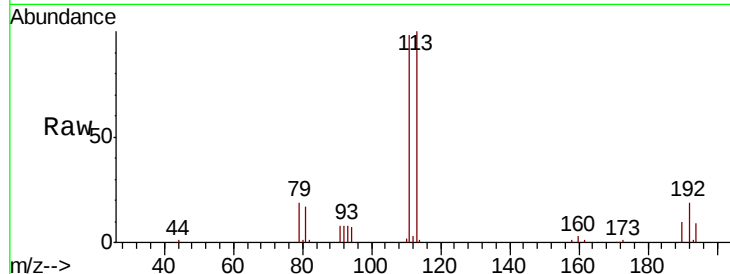




#35
 Dibromofluoromethane
 Concen: 53.317 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028656.D
 Acq: 12 Dec 2018 16:47

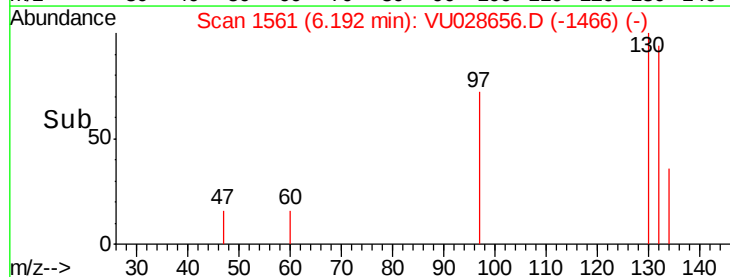
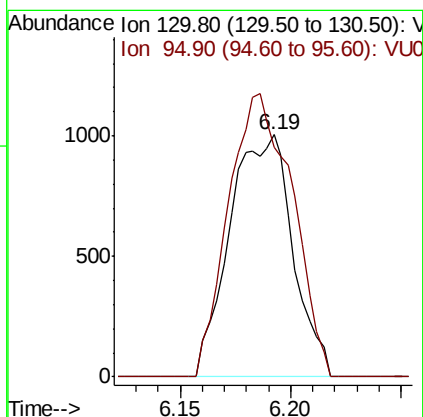
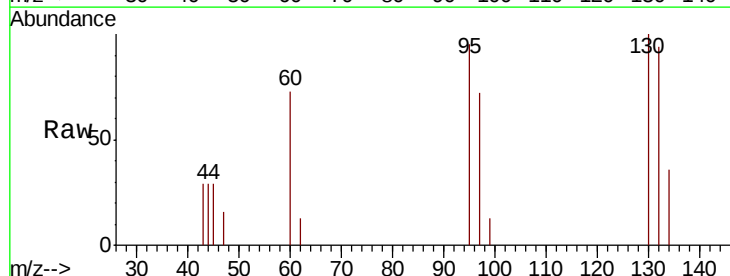
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW311I-20181209

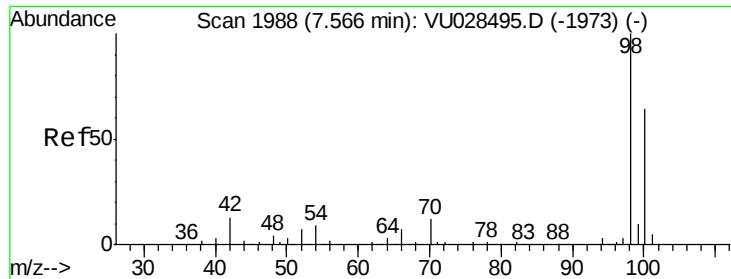
Tot Ion:113 Resp: 56154
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.4 125.0
 192 19.3 14.8 22.2



#44
 Trichloroethene
 Concen: 1.661 ug/l
 RT: 6.19 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: VU028656.D
 Acq: 12 Dec 2018 16:47

Tgt Ion:130 Resp: 1992
 Ion Ratio Lower Upper
 130 100
 95 94.9 0.0 224.0

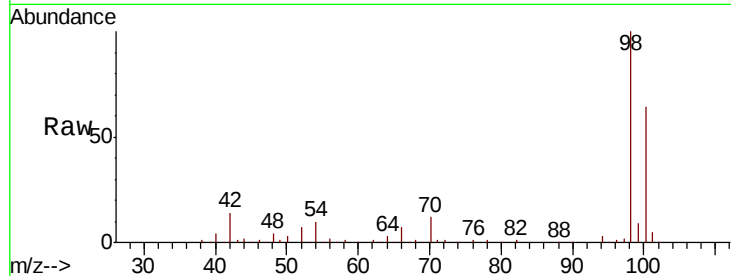




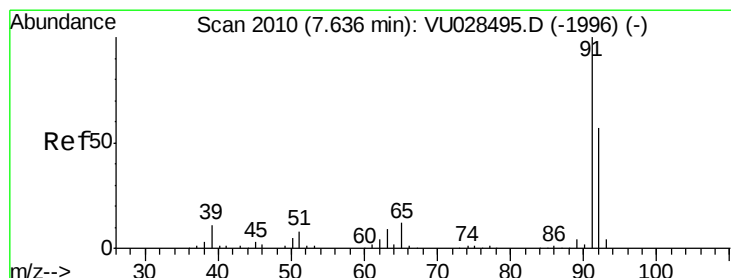
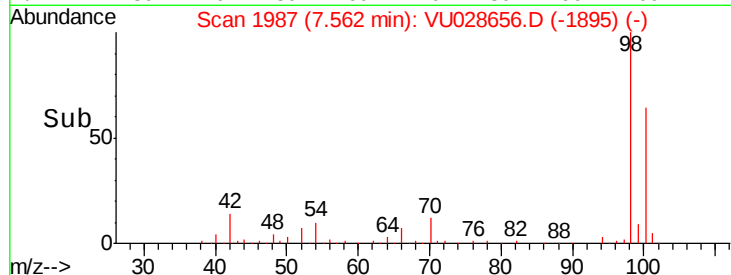
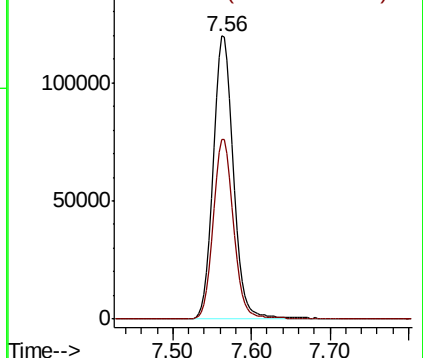
#50
Toluene-d8
Concen: 51.079 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028656.D
Acq: 12 Dec 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW311I-20181209

Tot Ion: 98 Resp: 212810
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.6

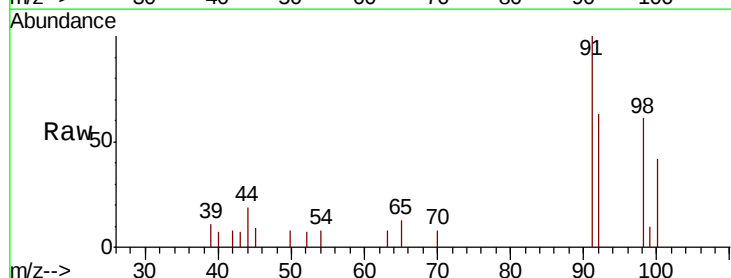


Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)
Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

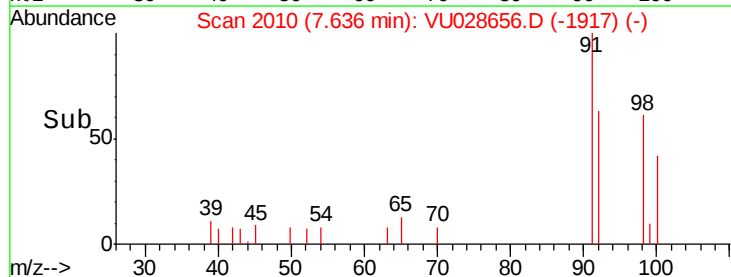
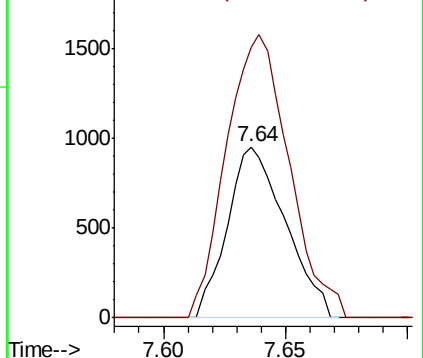


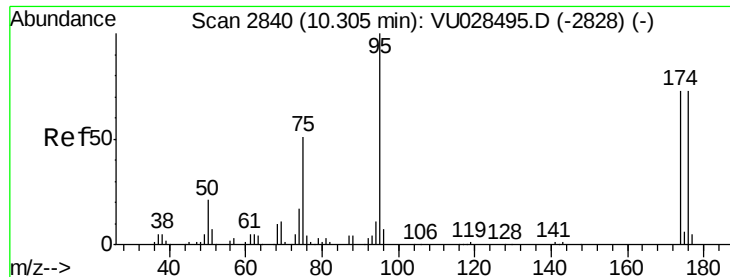
#52
Toluene
Concen: 0.497 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028656.D
Acq: 12 Dec 2018 16:47

Tgt Ion: 92 Resp: 1577
Ion Ratio Lower Upper
92 100
91 179.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU028495.D (-1996) (-)
Ion 91.00 (90.70 to 91.70): VU028495.D (-1996) (-)

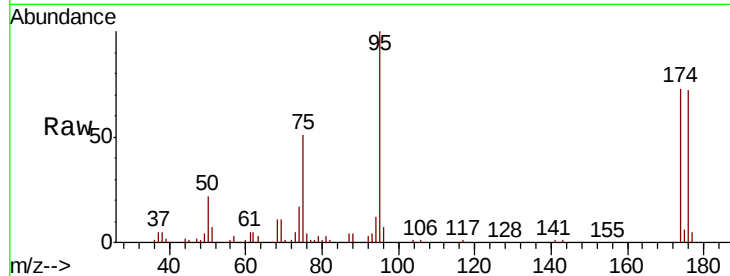




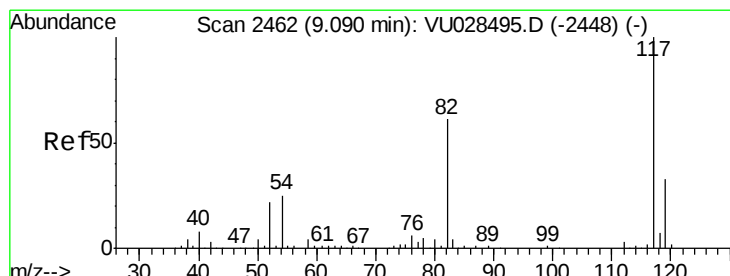
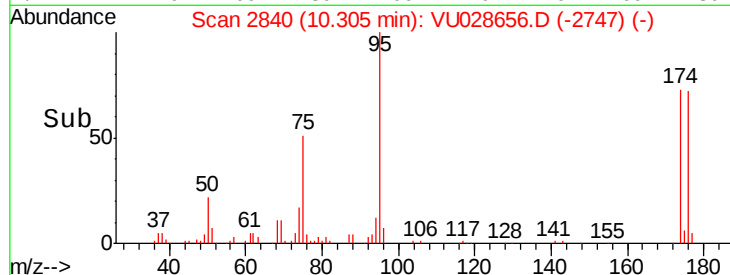
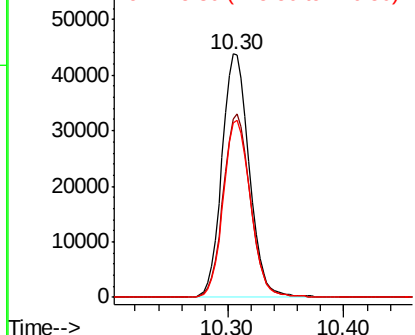
#62
 4-Bromofluorobenzene
 Concen: 45.877 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU028656.D
 Acq: 12 Dec 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW311I-20181209

Tot Ion: 95 Resp: 71440
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.4
 176 72.5 0.0 145.2

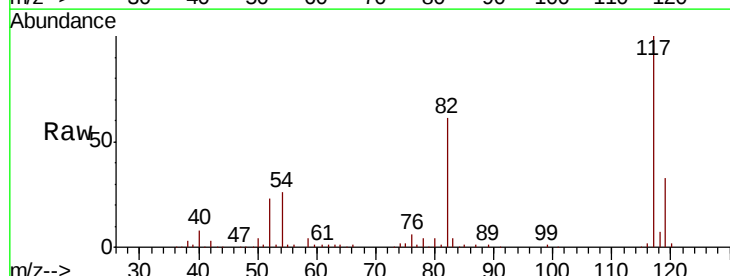


Abundance Ion 94.90 (94.60 to 95.60): VU
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

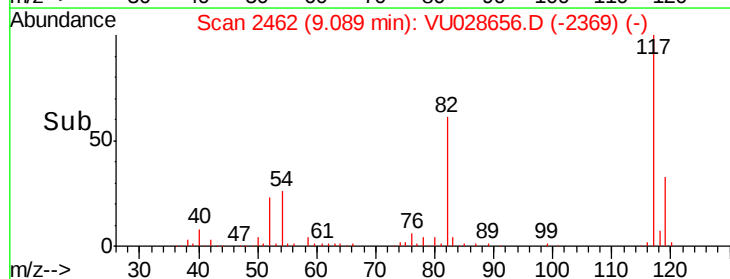
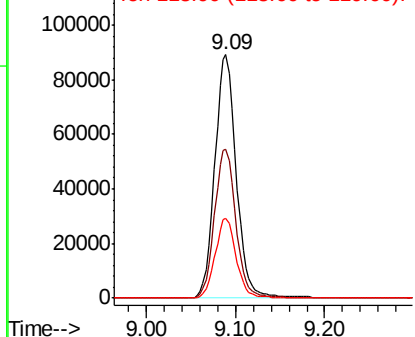


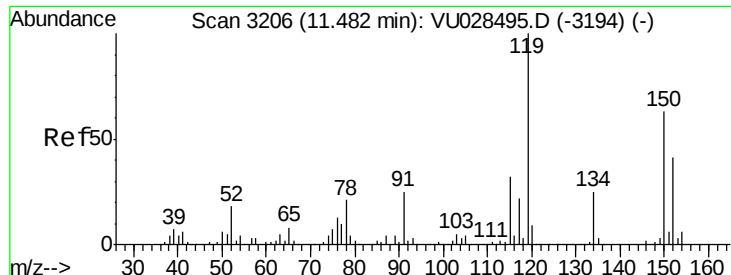
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028656.D
 Acq: 12 Dec 2018 16:47

Tgt Ion: 117 Resp: 148647
 Ion Ratio Lower Upper
 117 100
 82 61.3 48.9 73.3
 119 33.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VU
 Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028656.D

Acq: 12 Dec 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW311I-20181209

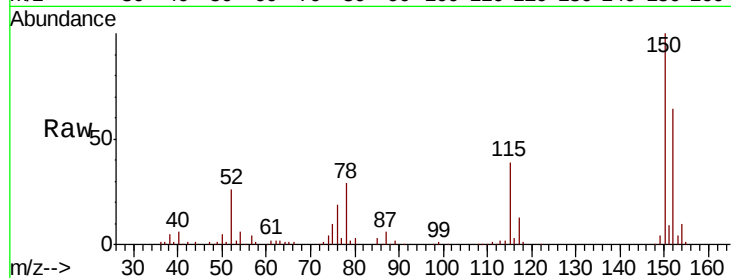
Tot Ion:152 Resp: 59715

Ion Ratio Lower Upper

152 100

115 60.3 42.7 128.1

150 156.9 0.0 346.0



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

